



## Layers of Earth

### **1. What is Plate Tectonics?**

movement of the lithosphere

### **2. How does continental drift relate to plate tectonics ?**

the plates move when the continents moved

### **3. There are 4 major sections of the inside of the Earth. Write the definitions of the four sections below.**

Inner Core- solid core made of iron and nickel

Outer Core- liquid magma, second hottest, nickel and iron

Mantle-soft cool layer between the crust and the outer core

Crust-hard most outer layer made of rock

### **4. Describe each of the 3 types of Plate Movement, and give one real world example of where it is occurring.**

Diverging- plates moving away from each other. continental drift

Converging- plates crushing together, mountains

Lateral Slipping- plates slipping over each other

### **5. Use the internet to locate two different proofs that the plates move, or that Pangea existed.**

Proof 1: The continents fit together like a puzzle

Proof 2: The continents are composed of practical the same material and the layers show proof